

GroupCode :

NESA-1110

【Physical Properties Data】

Item	Unit	Value	Test Method
Specific Gravity	-	1.4	JIS K 7112 (MOD ISO1183)
Surface Hardness (Rockwell)	M scale	73	JIS K 7202
	R scale	121	
Tensile Stress at Yield	MPa	70	JIS K 7161-2-1B/50 (IDT ISO527-2)
Nominal Tensile Strain at Break	%	10	
Modulus of Elasticity in Tension	MPa	3400	JIS K 7161-2-1B/1 (IDT ISO527-2)
Charpy Impact Strength(Notched)	kJ/m ²	1.9	JIS K 7111-1epA (MOD ISO179)
Flexural Stress	MPa	96	JIS K 7171 (MOD ISO178)
Flexural Modulus	MPa	3500	
Temperature of Deflection under Load	℃(0.45MPa)	-	JIS K 7191
	℃(1.80MPa)	64	
Vicat Softening Temperature	℃(methodA/10N)	-	JIS K 7206 (MOD ISO306)
	℃(methodB/50N)	72	
Dimensional Change on Heating (145℃/55min)	%(longitudinal)	-3	JIS K 7133 (IDT ISO11501)
	%(latitudinal)	0	
Surface Resistivity	10 ^X Ω/□	-	JIS K 6911
Volume Resistivity	10 ^X Ω・m	>13	
Total light transmittance	%	82	JIS K 7161-1

【Other】

5.0mm

Item	Unit	Value	test method
Color	-	Transparent	-
Munsell No.	-	-	-

The above data are a series of test results with 5mm thick specimen and given here without guarantee.